

OTPE
JAN 24 2005
PATENT & TRADEMARK OFFICE

PTO/SB/17 (12-04)

Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 480)

Complete if Known

Application Number 09/921,276
Filing Date August 1, 2001
First Named Inventor Cerami et al.
Examiner Name Thu Ha Nguyen
Art Unit 2155
Attorney Docket No. 020366-077510US

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):

☒ Deposit Account Deposit Account Number: 20-1430 Deposit Account Name: Townsend and Townsend and Crew LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Small Entity	Fee (\$)	Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25	
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100	
Multiple dependent claims	360	180	

Total Claims 26 Extra Claims -20 or HP = 6 Fee (\$ 50) Fee Paid (\$) \$300 Multiple Dependent Claims Fee (\$) Fee Paid (\$)

HP = highest number of total claims paid for, if greater than 20

Indep. Claims 3 Extra Claims -3 or HP = 0 Fee (\$ 200) Fee Paid (\$) \$0

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$) - 100 = / 50 = (round up to a whole number) x =

4. OTHER FEE(S)

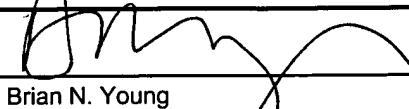
Non-English Specification, \$130 fee (no small entity discount)

Other: Submission of Information Disclosure Stmt

Fees Paid (\$)

180

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 48,602	Telephone 415-576-0200
Name (Print/Type)	Brian N. Young	Date	1/19/05



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

PATENT
Attorney Docket No.: 020366-077510US

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On January 19, 2005

TOWNSEND and TOWNSEND and CREW LLP

By: 
Anna C. Kundel

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Richard Cerami, et al.

Application No.: 09/921,276

Filed: August 1, 2001

For: FAULT MANAGEMENT IN A
VDSL NETWORK

Examiner: Thu Ha Nguyen

Art Unit: 2155

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37
CFR §1.97 and §1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A are being called to the attention of the Examiner. In accordance with the USPTO waiver of the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. patent applications, applicant has not submitted copies of the U.S. references.

01/26/2005 EABUBAK1 00000021 201430 09921276

02 FC:1806 180.00 DA

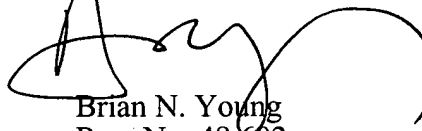
It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

This IDS is being filed before the mailing date of the final Office Action or Notice of Allowance.

Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Brian N. Young
Reg. No. 48,602

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 OIPE
 JAN 24 2005
 PATENT & TRADEMARK OFFICE

Substitute for form 1449A/PTO			Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Application Number	09/921,276
			Filing Date	August 1, 2001
			First Named Inventor	Cerami, Richard S.
			Art Unit	2155
			Examiner Name	Thu Ha Nguyen
Sheet 1	of 1	Attorney Docket Number	020366-077510US	

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	AA	US-5,261,044	11-09-1993	Dev et al.	
	AB	US-5,295,244	03-15-1994	Dev et al.	
	AC	US-5,504,921	04-02-1996	Dev et al.	
	AD	US-5,655,081	08-05-1997	Bonnell et al.	
	AE	US 5,680,325	10-1997	Rohner	
	AF	US-5,751,933	05-12-1998	Dev et al.	
	AG	US-5,870,558	02-09-1999	Branton, Jr., et al.	
	AH	US 5,881,048	03-09-1999	Croslin	
	AI	US-5,974,237	10-26-1999	Shurmer et al.	
	AJ	US-5,946,373	08-1999	Harris	
	AK	US-5,953,389	09-1999	Pruett et al.	
	AL	US 6,081,517	06-2000	Liu et al.	
	AM	US 6,209,033 B1	03-2001	Datta et al.	
	AN	US 6,327,669	12-04-2001	Croslin	
	AO	US 6,604,137 B2	08-2003	Cowan et al.	
	AP	US 6,446,123	09-2002	Ballantine et al.	
	AQ	US-6,556,659 B1	04-2003	Bowman-Amuah	
	AR	US-6,647,414 B1	11-2003	Eriksson et al.	
	AS	US-6,711,137 B1	03-2004	Klassen et al.	
	AT	US-6,788,765 B1	09-2004	Beamon	
	AU	US 2002/0073062	06-13-2002	Cerami et al.	
	AV	US 2002/0073355	06-13-2002	Cerami et al.	
	AW	US 2002/0078017	06-20-2002	Cerami et al.	
	AX	US 2003/0149919 A1	08-2003	Greenwald et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)		
				Publication Date MM-DD-YYYY		T ⁶

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.
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